

SUB B2
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(i) continuously or semi-continuously delivering an aqueous suspension of calcium hydroxide [in sequence through] into and through a channel comprising a series of at least two static in-line mixers;

(ii) continuously or semi-continuously introducing [whilst] carbon dioxide [is introduced] into the suspension in the channel at or before each of the mixers

whereby carbon dioxide and the aqueous suspension are intimately mixed in each mixer to facilitate reaction of the carbon dioxide with calcium hydroxide [dissolved] suspended in the aqueous medium,

the calcium hydroxide in the suspension delivered to the series of static in-line mixers being progressively consumed and converted to calcium carbonate by reaction with the carbon dioxide as the suspension passes through the series,

and continuously or semi-continuously extracting from the channel an aqueous suspension of calcium carbonate produced by reaction of calcium hydroxide and carbon dioxide in the channel.

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19. (Amended) A method as claimed in claim [1] 13 and wherein the non-consumable solids constitute from 0.5% to 20% by weight of the aqueous suspension of the non-consumable solids in the aqueous medium.